

WHAT IS CLAIMED IS:

1. A resist stripping liquid comprising a fluorine compound, wherein the concentration of dissolved oxygen in the resist stripping liquid is 3 ppm or  
5 lower.

2. The resist stripping liquid according to Claim 1, wherein the content of the fluorine compound is 0.001 to 55% by weight of the resist stripping liquid.

3. The resist stripping liquid according to Claim 1, further comprising a solvent.

10 4. The resist stripping liquid according to Claim 3, wherein the solvent is at least one compound selected from the group consisting of ethylene glycol monoethyl ether, ethylene glycol monobutyl ether, diethylene glycol monomethyl ether, diethylene glycol monoethyl ether, diethylene glycol monobutyl ether, triethylene glycol, triethylene glycol monomethyl ether,  
15 triethylene glycol monoethyl ether, triethylene glycol monopropyl ether, triethylene glycol monobutyl ether, triethylene glycol dimethyl ether, propylene glycol monomethyl ether, propylene glycol monoethyl ether, propylene glycol monobutyl ether, dipropylene glycol monomethyl ether, dipropylene glycol monoethyl ether, dipropylene glycol monobutyl ether, diethylene glycol  
20 dimethyl ether, dipropylene glycol dimethyl ether, formamide, monomethylformamide, dimethylformamide, monoethylformamide, diethylformamide, acetamide, monomethylacetamide, dimethylacetamide, monoethylacetamide, diethylacetamide, N-methylpyrrolidone, N-ethylpyrrolidone, N-methylcaprolactam, methyl alcohol, ethyl alcohol,  
25 isopropanol, ethylene glycol, propylene glycol, dimethyl sulfoxide, dimethylsulfone, diethyl sulfone, bis(2-hydroxyethyl) sulfone, tetramethylene sulfone, 1,3-dimethyl-2-imidazolidinone, 1,3-diethyl-2-imidazolidinone, 1,3-diisopropyl-2-imidazolidinone,  $\gamma$ -butyrolactone,  $\delta$ -valerolactone, aminoethanol, diethanolamine, triethanolamine, isopropanolamine, 1-amino-3-propanol,

diisopropanolamine, triisopropanolamine, dimethylaminoethanol, N-methylaminoethanol, diethylaminoethanol, aminoethoxyethanol, ethylenediamine, diethylenetriamine, triethylenetetramine, and tetraethylenepentamine

5           5. The resist stripping liquid according to Claim 1, wherein the fluorine compound is ammonium fluoride, acid ammonium fluoride or hydrofluoric acid.

6. The resist stripping liquid according to Claim 1, comprising 0.001 to 20% by weight of the fluorine compound, 10 to 99.999% by weight of a solvent and 0 to 85% by weight of water.

10           7. A method for removing resists, which comprises a step of bringing a substrate having resist residues thereon into contact with the resist stripping liquid as defined in Claim 1.

8. The method according to Claim 7, wherein the substrate contains copper and/or a copper alloy.